

Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

### Compleat if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	4774-1732
Examiner Name	Unassigned- TONTONI
Attorney Docket Number	DP-6670 US NA

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
LBT		2,465,319		Whinfield et al.	03-22-1949	
		3,038,237		Taylor	06-12-1962	
		3,350,871		Pierce et al.	11-07-1967	
		3,454,422		Mead et al.	07-08-1969	
		3,454,460		Bosley	07-08-1969	
		3,584,103		Harris	06-08-1971	
		3,671,379		Evans et al.	06-20-1972	
		3,681,188		Harris	08-01-1972	
		3,772,137		Tolliver	11-13-1973	
		3,816,486		Vail	06-11-1974	
		3,973,383		Yu	08-10-1976	
		3,998,042		Reese	12-21-1976	
		4,134,882		Frankfort et al.	01-16-1979	
		4,256,589		Carver et al.	03-17-1981	
		4,639,347		Hancock et al.	01-27-1987	
		4,710,432		Nishimura et al.	12-01-1987	
		4,725,635		Okada et al.	02-16-1988	
		4,794,038		Marcus	12-27-1988	
		4,836,763		Broadus	06-06-1989	
		4,850,847		Samuelson	07-25-1989	
		5,104,725		Broadus	04-14-1992	
		5,112,684		Halm et al.	05-12-1992	
		5,458,971		Hernandez et al.	10-17-1995	
		5,645,782		Howell et al.	07-08-1997	
		5,683,811		Hernandez et al.	11-04-1997	
		5,723,215		Hernandez et al.	03-03-1998	
		5,736,243		Aneja et al.	04-07-1998	
		5,782,935		Hirt et al.	07-21-1998	
		5,851,665		Marcus	11-22-1998	
		5,874,372		Morishita et al.	02-23-1999	
		5,882,794		Hernandez et al.	03-16-1999	
		5,891,568		Hartzog et al.	04-06-1999	
		5,970,700		Scheerer et al.	10-26-1999	
		5,994,451		Dangayach	11-30-1999	
		6,023,926		Flynn	02-15-2000	
		6,037,057		Hartzog et al.	03-14-2000	
		6,250,060	B1	Scheerer et al.	06-26-2001	
		6,287,688	B1	Howell et al.	09-11-2001	
		6,306,498	B1	Yuuki et al.	10-23-2001	
		2001/0030377	A1	Howell et al.	10-18-2001	
		2001/0030378	A1	Howell et al.	10-18-2001	
LBT		2001/0031356	A1	Howell et al.	10-18-2001	

Examiner  
Signature

LEO B. TONTONI

Date  
Considered

08/22/2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JAN 31 2002  
RECEIVED  
PTO

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for reference to PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 4

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	4774 1732
Examiner Name	Unassigned TENTONI
Attorney Docket Number	DP-6670 US NA

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
LBT		EP	745 711	A1	Shell	12-04-1996		X
		EP	1 016 692	A1	Asahi	05-07-2000		X
		EP	1 016 741	A1	Asahi	05-07-2000		X
		EP	1 033 422	A1	Asahi	09-03-1999		X
		EP	1 052 325	A1	Asahi	08-05-1999		X
		GB	1 075 689		DuPont	07-12-1967		X
		GB	1 165 312		DuPont	09-24-1969		X
		GB	1 254 826		Fiber Industr.	11-24-1971		X
		JP	52-5320		Teijin	01-17-1977		X
		JP	58-076517	A	Teijin	09-05-1983		Abstr.
		JP	62-85026	A	Toray	04-18-1987		X
		JP	02-61111	A	Kuraray et al	03-01-1990		X
		JP	05-71013	A	Teijin	03-23-1993		X
		JP	9-111629	A	Toyobo	04-28-1997		X
		JP	11-093034	A	Unitika	04-06-1999		X
		JP	11-100721	A	Asahi	04-13-1999		X
		JP	11-100768	A	Asahi	04-13-1999		X
		JP	11-107036	A	Asahi	04-20-1999		X
		JP	11-107038	A	Asahi	04-20-1999		X
		JP	11-107081	A	Asahi	04-20-1999		X
		JP	11-107149	A	Asahi	04-20-1999		X
		JP	11-158733	A	Toyobo	06-15-1999		X
		JP	11-189920	A	Asahi	07-13-1999		X
		JP	11-189938	A	Toray	07-13-1999		X
		JP	11-335954	A	Unitika	12-07-1999		X
		JP	00-017556A	A	Unitika	01-18-2000		X
		WO	99/28122	A1	Haggard et al.	06-10-1999		X
		WO	99/50483	A1	Aneja et al.	10-07-1999		X
		WO	00/03078	A1	Wellman	01-20-2000		X
		WO	00/26301	A1	Asahi	05-11-2000		X
		WO	01/07693	A1	Zimmer AG	02-01-2001		X
		WO	01/66837	A1	Howell et al.	09-13-2001		X
V		WO	01/66838	A1	Howell et al.	09-13-2001		X
LBT		WO	01/68962	A2	Shell	09-20-2001		X

Examiner  
Signature

LEO B. TENTONI

Date  
Considered

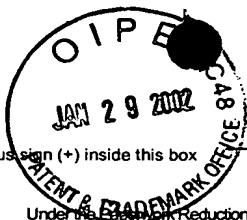
08/22/2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 202

JAN 31 2002  
10 11 11



Please type a plus sign (+) inside this box



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 4

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	<del>1774</del> 1732
Examiner Name	<del>Unassigned</del> TENTONI
Attorney Docket Number	DP-6670 US NA

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LBT		"Textile Staple Production", Corterra Polymers, Shell Chemical Company (Copyright Shell 2000)	—
		Ch. Hwo et al., "Opportunities of Corterra PTT fibers in textiles", Reprinted from Chemical Fibers International, Vol. 50 (2000) No. 1, February 2000, referencing lecture held at the Polyester '999 World Congress, October 25-28, 1999 in Zurich Switzerland	—
		H.S. Brown, et al., "Poly(Trimethylene Terephthalate) Polymers for Fibers", Shell Chemical Company (Copyright 1999)	—
		M. Moerman, et al., Corterra Polymers, Value Proposition in Textile Apparel Applications, Shell Chemical Company (Copyright Shell 2001)	—
		P. Casey et al., "Elastic PTT staple spun yarns and fabrics", Research Disclosure 445034 (May 2001)	—
		P. Casey et al., "Staple fibers made from low intrinsic viscosity polytrimethyleneterephthalate", Research Disclosure 445077 (May 2001)	—
		H.L. Traub, et al., "Mechanical properties of fibers made of polytrimethylene terephthalate", Chemical Fibers International, Vol. 45, pp. 110-111 (1995)	—
		W. Oppermann, et al., "Fibers Made of Poly(trimethylene terephthalate)", Dornbirn (1995)	—
		I. M. Ward, et al., "The Mechanical Properties and Structure of Poly(m-methylene Terephthalate) Fibers", Journal of Polymer Science Vol. 14, 263-274 (1976).	—
		H. L. Traub, "Synthese und textilchemische Eigenschaften des Poly-Trimethyleneterephthalats", Dissertation Universitat Stuttgart (1994), (Translation)	X
		S. Schauhoff, "New Developments in the Production of Polytrimethylene Terephthalate (PTT)", Man-Made Fiber Year Book (September 1996)	—
		"Corterra® staple fibre for spinning", from Shell Chemical Company for presentation at 39th International Man-made Fibre Congress, held Dornbirn, Austria (September 13-15, 2000)	—
		U.S. Patent Application No. 09/518,732, filed 03/03/00 (Docket# CH2756)	—
		U.S. Patent Application No. 09/795,933, filed 02/28/01 (Docket# CH2756 DIV)	—
		U.S. Patent Application No. 09/518,759, filed 03/03/00 (Docket# DP6535)	—
		U.S. Patent Application No. 09/795,518, filed 02/28/01 (Docket# DP6535 CIP)	—
		U.S. Patent Application No. 09/795,520, filed 02/28/01 (Docket# DP6535 CIP1)	—
		U.S. Patent Application No. 60/187,244, filed 03/03/00 (Docket# DP6540 P1)	—
		U.S. Patent Application No. 09/796,785, filed 03/01/01 (Docket# DP6540)	—
		U.S. Patent Application No. 09/855,343, filed 5/15/01 (Docket# DP6760)	—

LEOUB. TENTONI

08/22/2003

Please type a plus sign (+) inside this box.

+

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-P10

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 4

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	<del>1771</del> 1732
Examiner Name	<del>Unassigned</del> TENTONI
Attorney Docket Number	DP-6670 US NA

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LBT		Research Disclosure 17410 (October 1978)	—

Examiner  
Signature

LEO B. TENTONI

Date

Considered

08/22/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED  
JAN 31 2002  
10:10

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **2** of **4**

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	<del>4774</del> 1732
Examiner Name	<del>Unassigned</del> TENTONI
Attorney Docket Number	DP-6670 US NA

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
LBT		EP	745 711	A1	Shell	12-04-1996		X
		EP	1 016 692	A1	Asahi	06-07-2000		X
		EP	1 016 741	A1	Asahi	06-07-2000		X
		EP	1 033 422	A1	Asahi	09 06-03-1999 2000		X
		EP	1 052 325	A1	Asahi	11 08-06-1999 2000		X
		GB	1 075 689		DuPont	07-12-1967		X
		GB	1 165 312		DuPont	09-24-1969		X
		GB	1 254 826		Fiber Industr.	11-24-1971		X
		JP	52-5320		Teijin	01-17-1977		X
		JP	58-076517	A	Teijin	09-05-1983		Abstr.
		JP	62-85026	A	Toray	04-18-1987		X
		JP	02-61111	A	Kuraray et al	03-01-1990		X
		JP	05-71013	A	Teijin	03-23-1993		X
		JP	9-111629	A	Toyobo	04-28-1997		X
		JP	11-093034	A	Unitika	04-06-1999		X
		JP	11-100721	A	Asahi	04-13-1999		X
		JP	11-100768	A	Asahi	04-13-1999		X
		JP	11-107036	A	Asahi	04-20-1999		X
		JP	11-107038	A	Asahi	04-20-1999		X
		JP	11-107081	A	Asahi	04-20-1999		X
		JP	11-107149	A	Asahi	04-20-1999		X
		JP	11-158733	A	Toyobo	06-15-1999		X
		JP	11-189920	A	Asahi	07-13-1999		X
		JP	11-189938	A	Toray	07-13-1999		X
		JP	11-335954	A	Unitika	12-07-1999		X
		JP	00-017556A	A	Unitika	01-18-2000		X
		WO	99/28122	A1	Haggard et al.	06-10-1999		X
		WO	99/50483	A1	Aneja et al.	10-07-1999		X
		WO	00/03078	A1	Wellman	01-20-2000		X
		WO	00/26301	A1	Asahi	05-11-2000		X
		WO	01/07693	A1	Zimmer AG	02-01-2001		X
		WO	01/66837	A1	Howell et al.	09-13-2001		X
V		WO	01/66838	A1	Howell et al.	09-13-2001		X
LBT		WO	01/68962	A2	Shell	09-20-2001		X

Examiner  
Signature

LEO B. TENTONI

Date  
Considered

08/22/2003

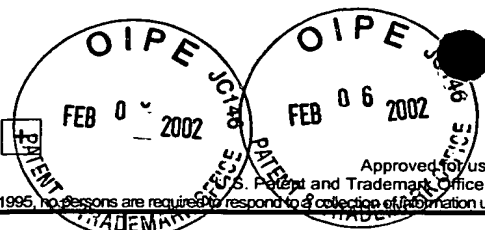
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 202

RECEIVED  
JAN 31 2002  
10:10

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	1732
Examiner Name	<del>Unassigned</del> TENTONI
Attorney Docket Number	DP-6670 US NA

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
LBT		4,159,617		Allan	07-03-1979	
LBT		5,527,600		Frankosky et al.	06-18-1996	

RECEIVED  
FEB 12 2002  
TC 1700

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
LBT		WO	93-11292	A1	DuPont	06-10-1993		
LBT		WO	01-49909	A1	Teijin	07-12-2001		
LBT		EP	1 160 362	A1	Teijin	12-05-2001		

Examiner Signature

LEO B. TENTONI

Date Considered

08/22/2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →

+



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	1732
Examiner Name	<del>Unassigned</del> TENTONI
Attorney Docket Number	DP-6670 US NA

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LBT		International Search Report from counterpart PCT/US01/26680 (JANUARY 24, 2002).	—

RECEIVED  
FEB 12 2002  
TC 1700

Examiner  
Signature

LEO B. TENTONI

Date  
Considered

08/22/2003

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number. <sup>3</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.







Please type a plus sign (+) inside this box →



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	1732
Examiner Name	Tentoni
Attorney Docket Number	DP-6670 US NA

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LBT		Translation of Official Notification Of The Intellectual Property Office (Taiwan), Issuance Date: 11 December 2002	1

Examiner  
Signature

LEO B. TENTONI

Date

Considered

08/22/2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →

+

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	1732
Examiner Name	<del>Unassigned</del> TENTONI
Attorney Docket Number	DP-6670 US NA

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LBT		US Patent Application No. 09/934,905, filed August 22, 2001 (Docket# DP6675)	—
		US Patent Application No. 09/934,866, filed August 22, 2001 (Docket # DP6676)	—
		C. C. Hwo, et al., "Nonwovens from Poly(trimethylene terephthalate) Staple, Corterra Polymers, (Shell Chemicals 2000)	—
		J. Bettner, et al., "High productivity staple fiber spinning technology", <u>Man Made Fibers Year Book</u> (August 2001)	—
↓		J. Bettner et al., Zimmer AG, "High Productivity of Staple Fiber Production", <u>The Polyester Chain 2001</u> (Zurich December 23, 2001)	—
LBT		I. Cordes et al., "New Spinning System, Advanced Staple Line Concept Boost Throughput by 100%", <u>International Fibers Journal</u> (1998)	—

Examiner  
Signature

LEO B. TENTONI

Date

Considered

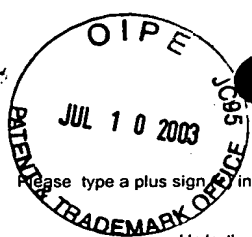
08/22/2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED  
JAN 08 2003  
TC 1700



Please type a plus sign inside this box →

+

PTO/SB/088 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	09/934,904
Filing Date	August 22, 2001
First Named Inventor	Ismael A. Hernandez et al.
Group Art Unit	1732
Examiner Name	<del>Unassigned</del> TENTONI
Attorney Docket Number	DP-6670 US NA

RECEIVED  
JUL 14 2003  
GROUP 1700

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		<del>US Patent Application No. 09/934,905, filed August 22, 2001 (Docket# DP6675)</del>	
		<del>US Patent Application No. 09/934,866, filed August 22, 2001 (Docket # DP6676)</del>	
		<del>C. C. Hwo, et al., "Nonwovens from Poly(trimethylene terephthalate) Staple, Gorterra Polymers, (Shell Chemicals 2000)"</del>	
		<del>J. Bettner, et al., "High productivity staple fiber spinning technology", Man Made Fibers Year Book (August 2001)</del>	
		<del>J. Bettner et al., Zimmer AG, "High Productivity of Staple Fiber Production", The Polyester Chain 2001 (Zurich December 23, 2001)</del>	
		<del>I. Cordes et al., "New Spinning System, Advanced Staple Line Concept Boost Throughput by 100%", International Fibers Journal (1998)</del>	

Examiner  
Signature

LEO B. TENTONI

Date

~~Considered~~

08/22/2003

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number. <sup>3</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.